

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re CIP U.S. Patent Application of:

W. Jeffrey MITCHEM et al.

Serial No.

Filed: July 2, 2003

For: METHOD FOR SCORING QUEUED
FRAMES FOR SELECTIVE TRANSMISSION
THROUGH A SWITCH

Examiner:

Art Unit:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
Alexandria, VA 22313-1450


Sir:

Applicant hereby submits for filing under 37 C.F.R. §1.97 a disclosure statement. In submitting these references, no representation is made or implied that the references are or are not material to the examination of this application. The patents, publications or other information submitted are listed in Form PTO/SB/08A submitted herewith. Pursuant to 37 C.F.R. § 1.98, copies of the references are not provided, as each was cited in either Serial No. 09/728,452 or 09/228,678, from which priority under 35 U.S.C. § 120 is claimed.

No fee is believed due for this submittal. However, any fee deficiency associated with this submittal may be charged to Deposit Account No. 50-1123.

July 2, 2003

Respectfully submitted,



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PTO/SB/08A (10/01) (Substitute for form 1449A/PTO) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) Sheet 1 of 10	ATTY. DOCKET NO. McD118 CIP Client/Matter No. 83629.0037.001	APPLICATION NO.
	FIRST NAMED INVENTOR W. Jeffrey MITCHEM	
	FILING DATE July 2, 2003	ART UNIT

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document No. No. - Kind Code	Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Doc	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-4,817,080	03/28/1989	Sohn	
		US-4,975,906	12/04/1990	Takiyasu et al.	
		US-5,077,763	12/31/1991	Gagnoud et al.	
		US-5,206,888	04/27/1993	Hiraguchi et al.	
		US-5,365,514	11/15/1994	Hershey et al.	
		US-5,390,188	02/14/1995	Dawson	
		US-5,548,590	08/20/1996	Grant et al.	
		US-5,561,662	10/01/1996	Kakuma et al.	
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		US-5,761,191	06/02/1998	VanDervort et al.	
		US-5,894,481	04/13/1999	Book	
		US-6,044,400	03/28/2000	Golan et al.	
		US-6,061,358	05/09/2000	Nelson et al.	

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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		US-6,079,034	06/02/2000	Van Zante et al.	
		US-6,138,185	10/24/2000	Nelson et al.	
		US-6,148,004	11/14/2000	Nelson et al.	
		US-6,345,041 B1	02/05/2002	Kimball et al.	
		US-5,428,616	06-1995	Field et al.	

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		Brocade Silkorm switches (with Stitch ASIC) (sold by Brocade Communications Systems since early 1977). [NOT LITERATURE]
		Brocade Silkorm switches (with Flannel ASIC) (sold by Brocade Communications Systems since approximately September 1988). [NOT LITERATURE]
		McDATA ES 2500. [NOT LITERATURE]
		Cisco Catalyst switches (sold by Cisco since at least mid-1997). [NOT LITERATURE]
		Madge Visage switches (sold by Madge Networks and its LANNET subsidiary since at least 1997). [NOT LITERATURE]
		Bay Networks Baystack 300 series switches (sold by Bay Networks since at least July 1997). [NOT LITERATURE]

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		US-5,859,835	01-1999	Varma et al.	
		US-5,519,695	05-1996	Purohit et al.	

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		Bay Networks Armon and Optivity Analysis Software (sold by Bay Networks since at least 1996). [NOT LITERATURE]
		Extreme Networks Summit switches (sold by Extreme Networks since at least July 1997). [NOT LITERATURE]
		Gadzoox Networks Gibraltar Fibre Channel Managed Hubs (sold by Gadzoox Networks, Inc. since at least 1997). [NOT LITERATURE]
		Gadzoox Networks Denali Fibre Channel Area Switch (sold by Gadzoox Networks since at least 1997). [NOT LITERATURE]
		Cajun Switches (sold by Lucent Technologies, LANNET, Agile, and/or Prominent Corp. since at least 1997). [NOT LITERATURE]
		Cajun View Suite (sold by Prominent and/or Lucent since at least Oct. 1998). [NOT LITERATURE]
		Montage (sold by LANNET and/or Lucent since at least Oct. 1998). [NOT LITERATURE]
		Ascend B-STDx frame relay/ATM switches; and CBX 500 and GX 550 ATM switches (sold by Lucent and/or Ascend Since at least 1997). [NOT LITERATURE]
		Ascend Management software (sold by Ascend and/or Lucent since at least Oct. 1998). [NOT LITERATURE]
		Alteon AceSwitch 100 (sold by Alteon since at least 1996). [NOT LITERATURE]
		Ipsilon IP Switch ATM 1600 Switch (sold by Ipsilon Networks since at least 1996). [NOT LITERATURE]

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		US-6,157,654	12-2000	Davis	
		US-5,253,251	10-1993	Aramaki	

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		Intel 510T Switch (sold by Intel Corp. since at least Feb. 1998). [NOT LITERATURE]
		3 Com SuperStack2 LAN Switch Transcend LANSentry Manager (sold by 3Com Corp. since at least 1997). [NOT LITERATURE]
		3 Com Transcend LANSentry Manager (sold by 3Com since at least 1997). [NOT LITERATURE]
		Ancor SANBox-8 Switch (sold by Ancor Communications since at least 1998). [NOT LITERATURE]
		Ancor GigWorks MKII (sold by Ancor Communications since at least 1997). [NOT LITERATURE]
		Vixel Switches and SAN Management Software (sold by Vixel Corp.). [NOT LITERATURE]
		FC/9000 (sold by InRange Technologies). [NOT LITERATURE]
		Hewlett-Packard NetMetrix Enterprise Manager 4.7 (sold by Hewlett-Packard since at least 1997). [NOT LITERATURE]
		MeterWare (sold by Technically Elite and/or Hfn since at least 1996). [NOT LITERATURE]
		ACD82024 (sold by Advanced Communication Devices since at least 1997). [NOT LITERATURE]
		Switched Networks: Meeting the Management Challenge – A Technology Brief on SMON, A Lannet Switch Monitoring Management Application (1998), available at http://www.cedpa.k-12.org/databus-issues/v38n3/v38n3-inset.pdf .

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		US-6,259,695 B1	07-2001	Ofek	

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		Ipsilon Networks, IP Switching: The Intelligence of Routing, the Performance of Switching, An Ipsilon Networks White Paper, (February 1996).
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		Switched Networks, Meeting the Challenge; A Technology Brief on SMON, The Lannet Switch Monitoring Management Application, Prepared for CEDPA (March 1998), available at http://www.cedpa-k12.org/databus-issues/v38n3/v38n3-insert.pdf .
		A. Khan, Design and Implementation of a Software Bridge with Packet Filtering and Statistics Collection Functions, INTERNATIONAL JOURNAL OF NETWORK MGMT., 1997, at 251. [LITERATURE NOT AVAILABLE]
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		Alex Gillespie, Management of ATM Port Relay Systems, IEEE TELECOMMUNICATIONS CONFERENCE Nov. 1995, at 140. [LITERATURE NOT AVAILABLE]
		Alfred Weaver & James McNabb, A Real Time Monitor for Token Ring Networks, IEEE MILCOM '89, 1989, at 794.
		Bob Wallace, Switches Process Data at Ports for Faster Throughput, INFOWORLD, Mar. 20, 1995, at 48. [LITERATURE NOT AVAILABLE]
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		Eduardo Magana et al. PROMIS: A Reliable Real-Time Network Management Tool for Wide Area Networks, IEEE 24 th EUROMICRO CONFERENCE, Aug. 1998, at 581.

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		Elwin Stelzer & Timothy Gonsalves, Embedding RMON in Large LAN Switches, IEEE NETWORK, Jan./Feb. 1999, at 63.
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		Gigabit Ethernet Switch LANBlazer™7000, ODS Networks, 1998.
		Gilbert Held, Data Communication Components (1979). [LITERATURE NOT AVAILABLE]
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		Heikki Julkunen and C. Chow, ENHANCE NETWORK SECURITY WITH DYNAMIC PACKET FILTER (1997).
		Hiromi Notani et al., A 622MBS/S 32x8 Scalable ATM Switch Chip Set with On-Chip Searchable Address Queue, 1997 IEE INTERNATIONAL SOLID-STATE CIRCUITS CONFERENCE, 1997, at 150.
		Hiroshi Inai & Jiro Yamakita, An Address-Based Queue Mechanism for Shared Buffer ATM Switches with Multicast Function, IEICE TRANSACTIONS ON COMMUNICATIONS, Jan. 1998, at 104.
		Hiroyuki Yamada et al., 20.8 Gb/s GaAs LSI's Self-Routing Switch for ATM Switching Systems, IEEE JOURNAL OF SOLID-STATE CIRCUITS, Jan. 1997, at 31.
		Intae Ryoo et al. A Real-Time Integrated Traffic Management Scheme in ATM Networks: Design and Simulation, IEEE, 1996, at 1271.

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		J. Carlos Calderon et al., A Chip-Set Enabling B-ISDN ATM UNI Transmission Convergence (TC) AAL 3 Layers, and ATM Layer Function, IEEE INTERNATIONAL SOLID-STATE CIRCUITS CONFERENCE, 1996, at 116.
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		Jodi Cohen, LANNET Extends RMON to Watch Over Switches, NETWORK WORLD, Jun. 5, 1995, at 10. [LITERATURE NOT AVAILABLE]
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		John McConnell, RMON METHODOLOGY: TOWARDS SUCCESSFUL DEPLOYMENT FOR DISTRIBUTED ENTERPRISE MANAGEMENT (2d ed. 1997).
		John McHenry, et al., An FPGA-Based Coprocessor for ATM Firewalls, FPCCM, 1997, at 30.
		Kazunari Irie et al., Large Capacity Multiplex-Port Brouter with SDH Interface for Regional PC Communication Network System and its Performance, Long-Haul, ATM and Multi-Media Networks (D.W. Faulkner & A.L. Harmer eds, IOS Press 1998), at 110.
		Kazunari Irie et al., Large Capacity Multiplex-Port Brouter with SDH Interface for Regional PC Communication Network System, IEEE, 1997, at 1602. [LITERATURE NOT AVAILABLE]
		Kimberly Caisse, Lucent Deploys Cajun Compus Line, COMPUTER RESELLER NEWS, Oct. 19, 1998, at 28. [LITERATURE NOT AVAILABLE]
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		Lucent Technologies, Cajun Campus Solutions, Oct. 1999.

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		Nevil Brownlee, NETRAMET 4.1 USERS' GUIDE: RELEASE NOTES VER. 4.1(Univ. of Auckland, New Zeland Nov. 1997).
		O. Tigli and G.M. Chaudhry, Wrap-Around Type Switch for ATM, ELECTRONICS LETTERS, Mar. 27, 1997 at 567.
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Examiner Initials	Cite No.	Document No. No. - Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Doc	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

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						YES	NO

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher, city and/or country where published
		Fabric OS™ Procedures Guide Version 3.0, BROCADE COMMUNICATIONS SYSTEMS, INCORPORATED, Publication Number 53-0000128-03, 2001.
		Brocade® Zoning User's Guide Version 3.0, BROCADE COMMUNICATIONS SYSTEMS, INCORPORATED, Publication Number 53-0000135-03, 1999, 2000, 2001.
		Fabric OS™ Reference Version 3.0, BROCADE COMMUNICATIONS SYSTEMS, INCORPORATED, Publication Number 53-0000127-03, 2001.
		SilkWorm® 3800 Hardware Reference, BROCADE COMMUNICATIONS SYSTEMS, INCORPORATED, Publication Number 53-0001576-03, 2001.
		Brocade Advanced Performance Monitoring™ User's Guide Version 3.0, BROCADE COMMUNICATIONS SYSTEMS, INCORPORATED, Publication Number 53-0000138-03, 2001.
		Brocade QuickLoop™ User's Guide Version 3.0, BROCADE COMMUNICATIONS SYSTEMS, INCORPORATED, Publication Number 53-0000129-03, 1999, 2000, 2001.
		Brocade SES™ User's Guide Version 3.0, BROCADE COMMUNICATIONS SYSTEMS, INCORPORATED, Publication Number 53-000133-03, 1999, 2000, 2001.
		Brocade ISL Trunking™ User's Guide Version 3.0, BROCADE COMMUNICATIONS SYSTEMS, INCORPORATED, Publication Number 53-0000136-03, 2001.
		Brocade MIB Reference Version 3.0, BROCADE COMMUNICATIONS SYSTEMS, INCORPORATED, Publication Number 53-0000130-03, 2001.
		Brocade Web Tools™ User's Guide Version 3.0, BROCADE COMMUNICATIONS SYSTEMS, INCORPORATED, Publication Number 53-0000130-03, 2000, 2001.
		Brocade Distribute Fabrics™ User's Guide Version 3.0, BROCADE COMMUNICATIONS SYSTEMS, INCORPORATED, Publication Number 53-0000132.03, 2001.

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